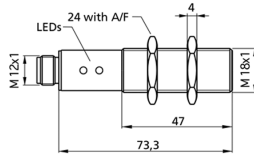
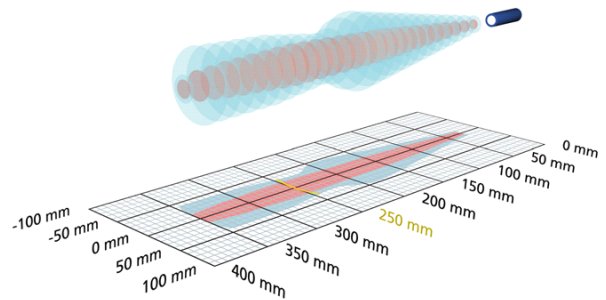


lpc-25/CI/M18

scale drawing



detection zone



1 x analogue 4-20 mA



operating range	30 - 350 mm
design	cylindrical M18
operating mode	analogue distance measurements

ultrasonic -specific

means of measurement	echo propagation time measurement
transducer frequency	320 kHz
blind zone	30 mm
operating range	250 mm
maximum range	350 mm
resolution/sampling rate	0,069 mm bis 0,098 mm, abhängig vom eingestellten Analogfenster
reproducibility	± 0.15 %
accuracy	± 1 % (temperature drift internally compensated)

electrical data

operating voltage U_b	10 - 30 V d.c., reverse polarity protection
voltage ripple	± 10 %
Leerlaufstromaufnahme	≤ 40 mA
type of connection	5-pin M12 initiator plug

lpc-25/CI/M18

outputs

output 1	analogue output current: 4-20 mA switchable rising/falling
response time	24 ms
delay prior to availability	< 300 ms

inputs

input 1	com input teach-in input
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housing

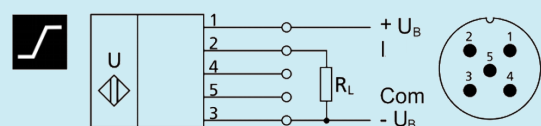
material	brass sleeve, nickel-plated, plastic parts, PBT
ultrasonic transducer	polyurethane foam, epoxy resin with glass contents
class of protection to EN 60529	IP 67
operating temperature	-25°C to +70°C
storage temperature	-40°C to +85°C
weight	43 g
further versions	stainless steel high chemical resistance

technical features/characteristics

temperature compensation	yes
controls	com input
scope for settings	Teach-in via com input on pin 5 LCA-2 with LinkControl
Synchronisation	yes
multiplex	no
indicators	1 x LED yellow: object in the window

documentation (download)

pin assignment



order no.

lpc-25/CI/M18